

Title (en)  
INSULATING GLASS (IG) WINDOW UNIT INCLUDING HEAT TREATABLE COATING WITH SPECIFIC COLOR CHARACTERISTICS AND LOW SHEET RESISTANCE

Title (de)  
ISOLIERGLASFENSTEREINHEIT MIT WÄRMEBEHANDELBARER BESCHICHTUNG MIT BESONDEREN FARBEIGENSCHAFTEN UND GERINGEM SCHICHTWIDERSTAND

Title (fr)  
BLOC FENETRE A VITRAGE ISOLANT (IG) COMPRENANT UN REVETEMENT POUVANT ETRE TRAITE THERMIQUEMENT AVEC DES CARACTERISTIQUES DE COULEURS SPECIFIQUES ET UNE FAIBLE RESISTANCE DE COUCHE

Publication  
**EP 1904293 A4 20130501 (EN)**

Application  
**EP 06786581 A 20060706**

Priority  
• US 2006026473 W 20060706  
• US 17667805 A 20050708

Abstract (en)  
[origin: US2007009746A1] An insulating glass (IG) window unit, or other suitable window unit, includes a glass substrate with a coating thereon. The coating includes a lower contact layer based on zinc oxide and/or at least one silicon nitride inclusive layer that is Si-rich (i.e., non-stoichiometric). Using such a design, it has been found that coloration can be adjusted in order to achieve certain desirable optical characteristics.

IPC 8 full level  
**B32B 3/02** (2006.01); **B32B 15/00** (2006.01); **B32B 17/06** (2006.01); **C03C 17/36** (2006.01)

CPC (source: EP US)  
**C03C 17/36** (2013.01 - EP US); **C03C 17/3618** (2013.01 - EP US); **C03C 17/3626** (2013.01 - EP US); **C03C 17/3644** (2013.01 - EP US); **C03C 17/3652** (2013.01 - EP US); **C03C 17/366** (2013.01 - EP US); **Y10T 428/23** (2015.01 - EP US)

Citation (search report)  
• [XY] US 2004022907 A1 20040205 - MIELNIK THADDEUS J [US], et al  
• [Y] US 5800933 A 19980901 - HARTIG KLAUS W [US], et al  
• [Y] WO 03048060 A2 20030612 - GUARDIAN INDUSTRIES [US]  
• See references of WO 2007008643A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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